

Story

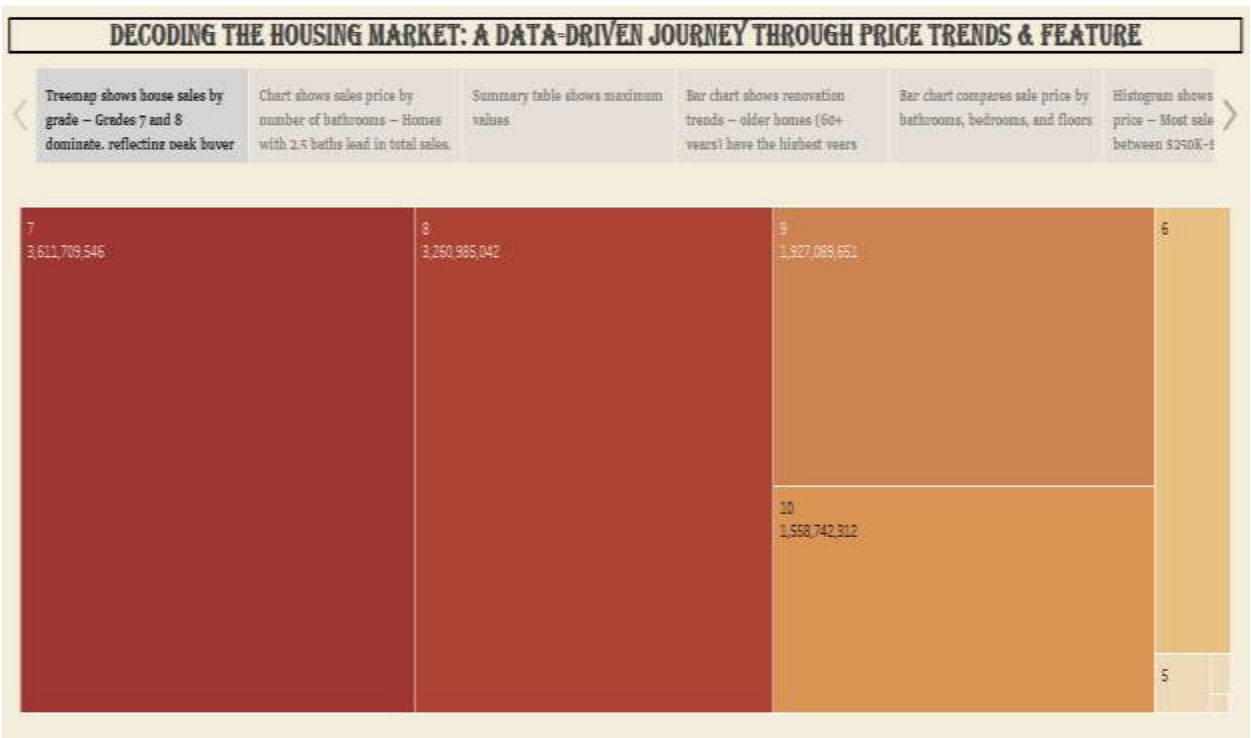
Decoding the Housing Market: A Data-Driven Journey Through Price Trends & Features

Scene 1: Sales Distribution of House Grades

Chart Type: Treemap

Description:

This treemap visualizes total house sales by grade. Grades 7 and 8 dominate in terms of total sale price, indicating that mid-quality homes are the most sold. The size and color intensity of each block reflect the volume of sales — darker and larger blocks imply higher values.



Scene 2: Sales Price for Highest No. of Bathrooms

Chart Type: Lollipop Chart (Bar + Circle)

Description:

This chart compares total sale price by the number of bathrooms. Homes with 2.5 bathrooms generated the highest total sales, showing strong buyer preference for houses with moderate bathroom counts. The height of the bars and size of circles represent the sale volume.



Scene 3: Maximum Values Summary Table

Chart Type: Text Table

Description:

This sheet summarizes key maximum values in the dataset. It highlights the highest recorded sale price (\$1.13M), largest flat area (13,540 sqft), living area after renovation (6,210 sqft), and basement size (9,410 sqft), giving a quick snapshot of extremes in the dataset.

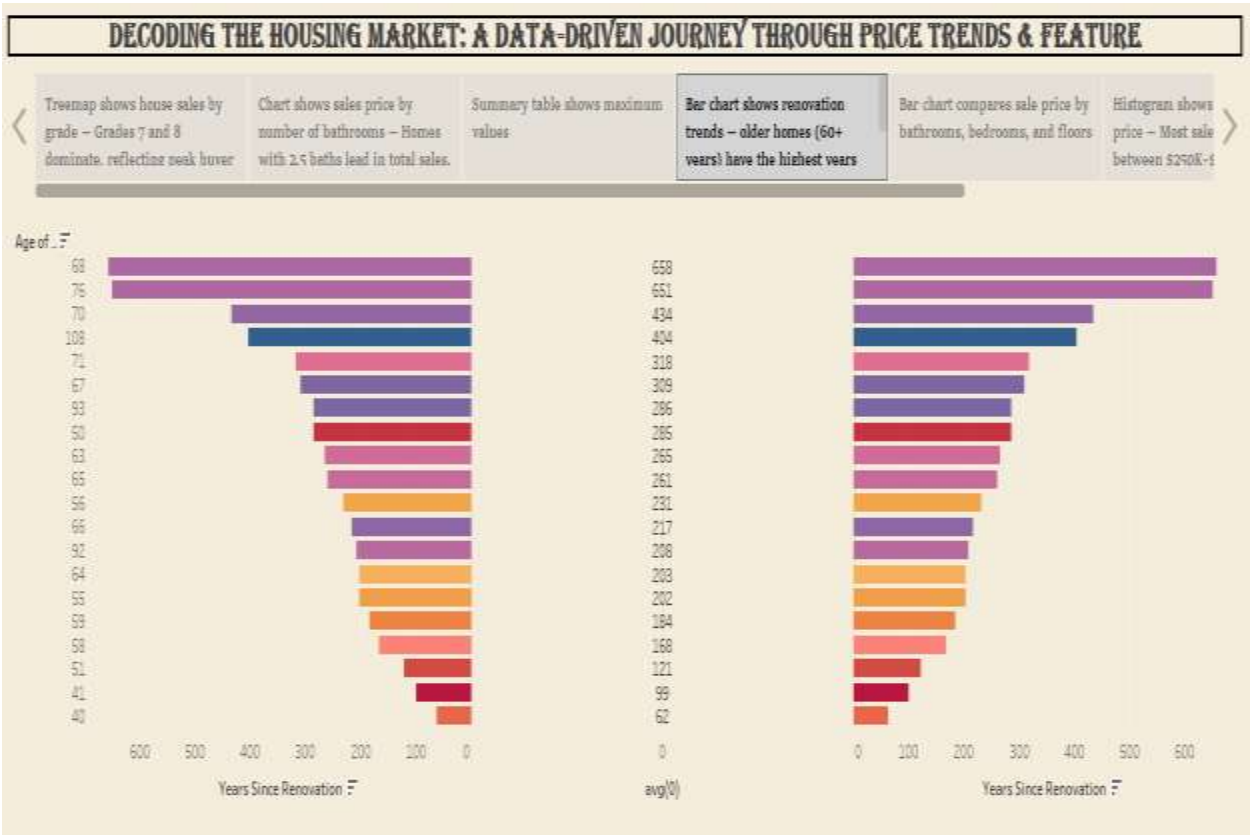
Decoding the Housing Market: A Data-Driven Journey Through Price Trends & Feature	
< Treemap shows house sales by grade – Grades 7 and 8 dominate, reflecting peak buyer	Chart shows sales price by number of bathrooms – Homes with 2-4 baths lead in total sales.
Summary table shows maximum values	Bar chart shows renovation trends – older homes (60+ years) have the highest years
Bar chart compares sale price by bathrooms, bedrooms, and floors	Histogram shows price – Most sale between \$250K-4 >
Max. Sale Price	1,129,575
Max. Living Area after Renovation (in Sqft)	6,210
Max. Flat Area (in Sqft)	13,540
Max. Area of the House from Basement (in Sqft)	9,410

Scene 4: Age Analysis of Renovated House

Chart Type: Dual Horizontal Bar Chart

Description:

This chart analyzes years since renovation against house age. It shows that older houses (60+ years) have longer gaps since their last renovation, suggesting many older homes may not have been recently updated. This trend may indicate potential for improvement or investment.



Scene 5: Sales Price Analysis by Bathrooms, Bedrooms, and Floors

Chart Type: Clustered Bar Chart

Description:

This multi-dimensional bar chart breaks down sales price based on the combination of number of bathrooms, bedrooms, and floors. The highest sales occur in houses with 1 bathroom, 3 bedrooms, and 1 floor, helping identify the most valuable property configuration.

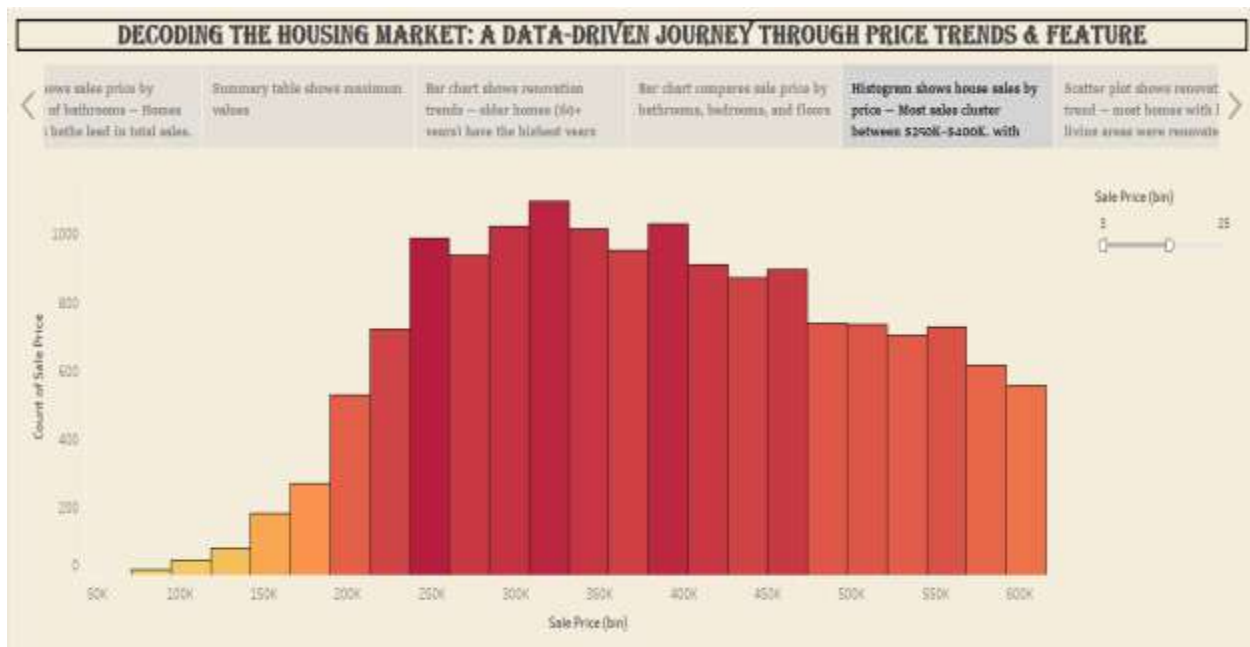


Scene 6: Sales Price Distribution by Age of House

Chart Type: Histogram

Description:

This histogram shows the frequency of house sales across different price bins. Most houses are sold in the \$250K–\$400K range, regardless of age, with a balanced distribution. The use of color and bar height provides a clear view of the sales concentration.



Scene 7: Years Since Living Area Renovation vs Living Area Size

Chart Type: Scatter Plot

Description:

This scatter plot analyzes the relationship between living area size (post-renovation) and years since renovation. Most large houses have been renovated more recently, while older renovations are associated with smaller homes. The concentration of points near the x-axis suggests many homes were renovated within the last few years.

